FIG.1

U AND V COMBINING

FIG.2

One-dimensional Wavelet Transform for Y- component
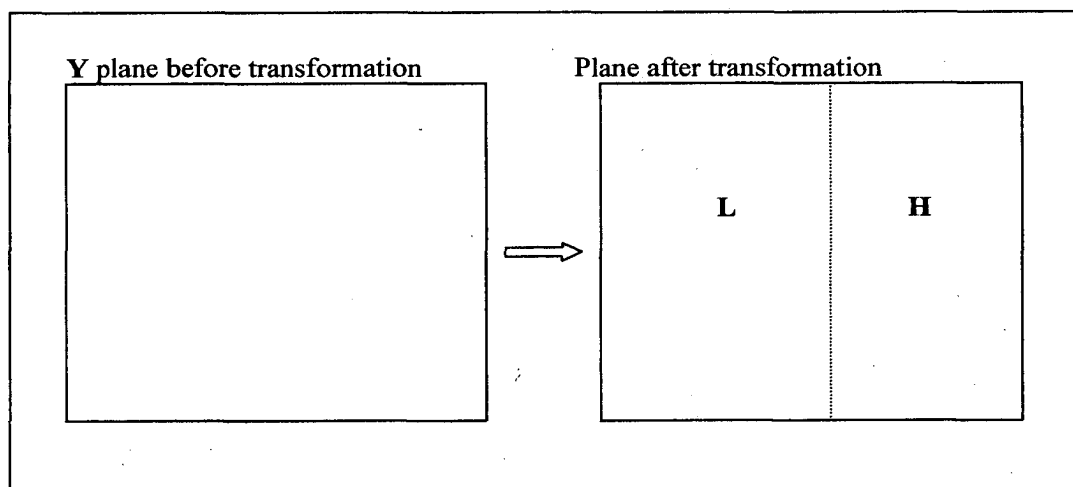
ONE-DIMENSIONAL WAVELET TRANSFORM (THE SECOND STEP)
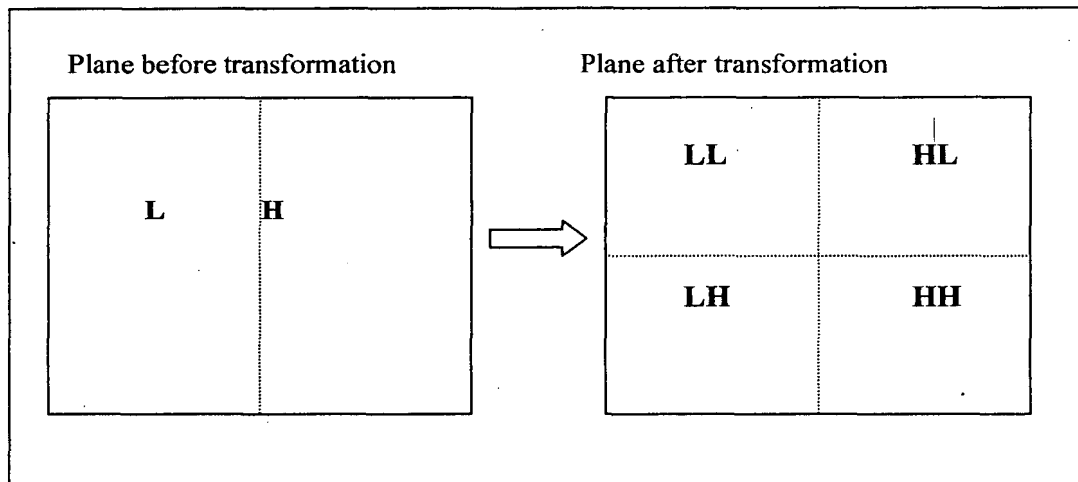
Plane before transformation   Plane after transformation

| LL | HL |
| L | H |

| LL | HL |
| LH | HH |

FIG.3

FIG.4

ENUMERATION FOR Y

30	28	22	16	10	4
26	24				
20	18				
14	12	8	6		
2	0

FIG.5

Enumeration for UV

FIG.6

PASS FOR Y

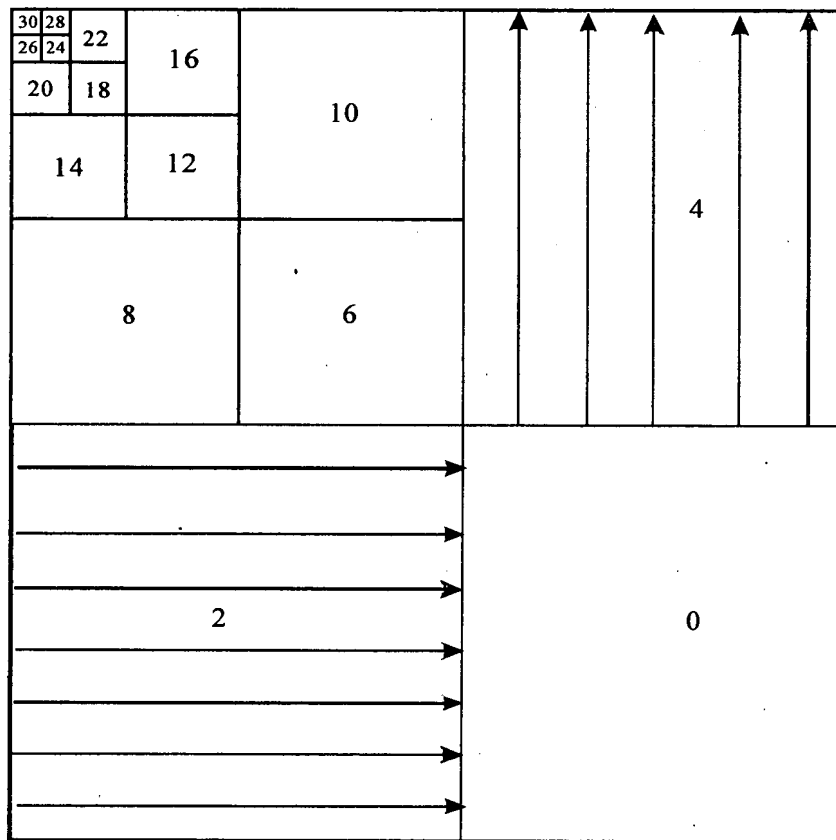PASS EXAMPLE IS SHOWN FOR 4 AND 2 FREQUENCY BLOCKS

FIG.7

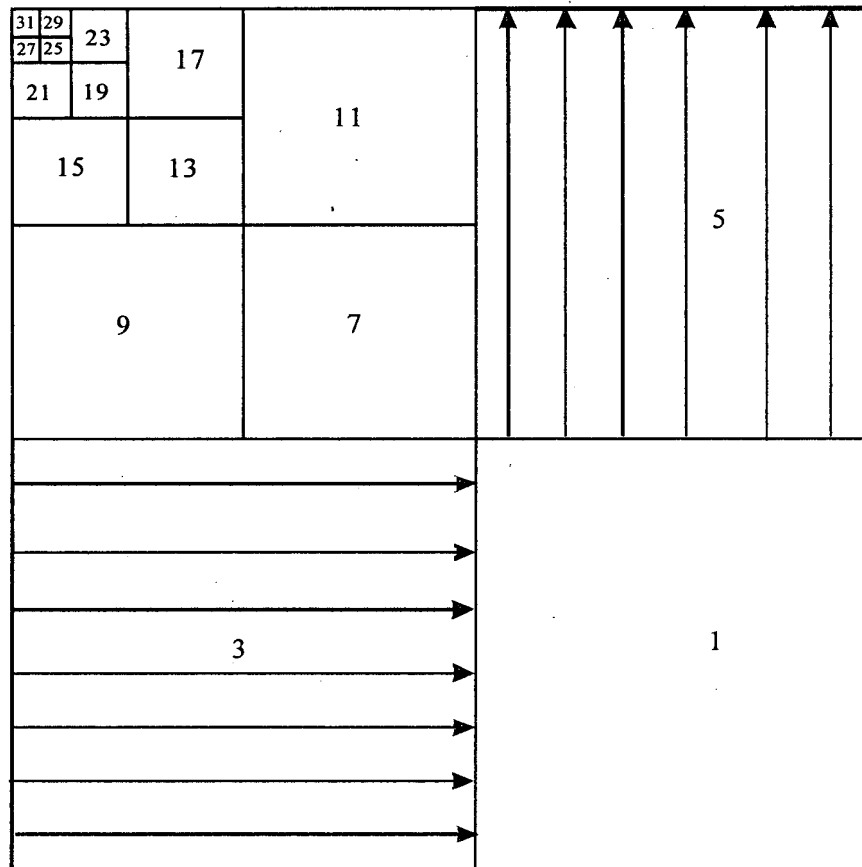PASS FOR UV

Pass example is shown for 3 and 5 frequency block

FIG.8

Figure 8. *Shift_Array* **Forming**

Length_Array

1	700	2	5	600	•••

Shift_Array

2	3	•••	•••	•••